

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015340.D
 Acq On : 24 Apr 2020 13:55
 Operator : SY/VA
 Sample : L2118-01
 Misc : 7.66G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-042320

Quant Time: Apr 25 06:48:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	104845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	84547	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	7.88	113	85947	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.32	98	351622	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.62	95	108715	41.07	ug/l	0.00
Spiked Amount			Recovery	=	82.14%	

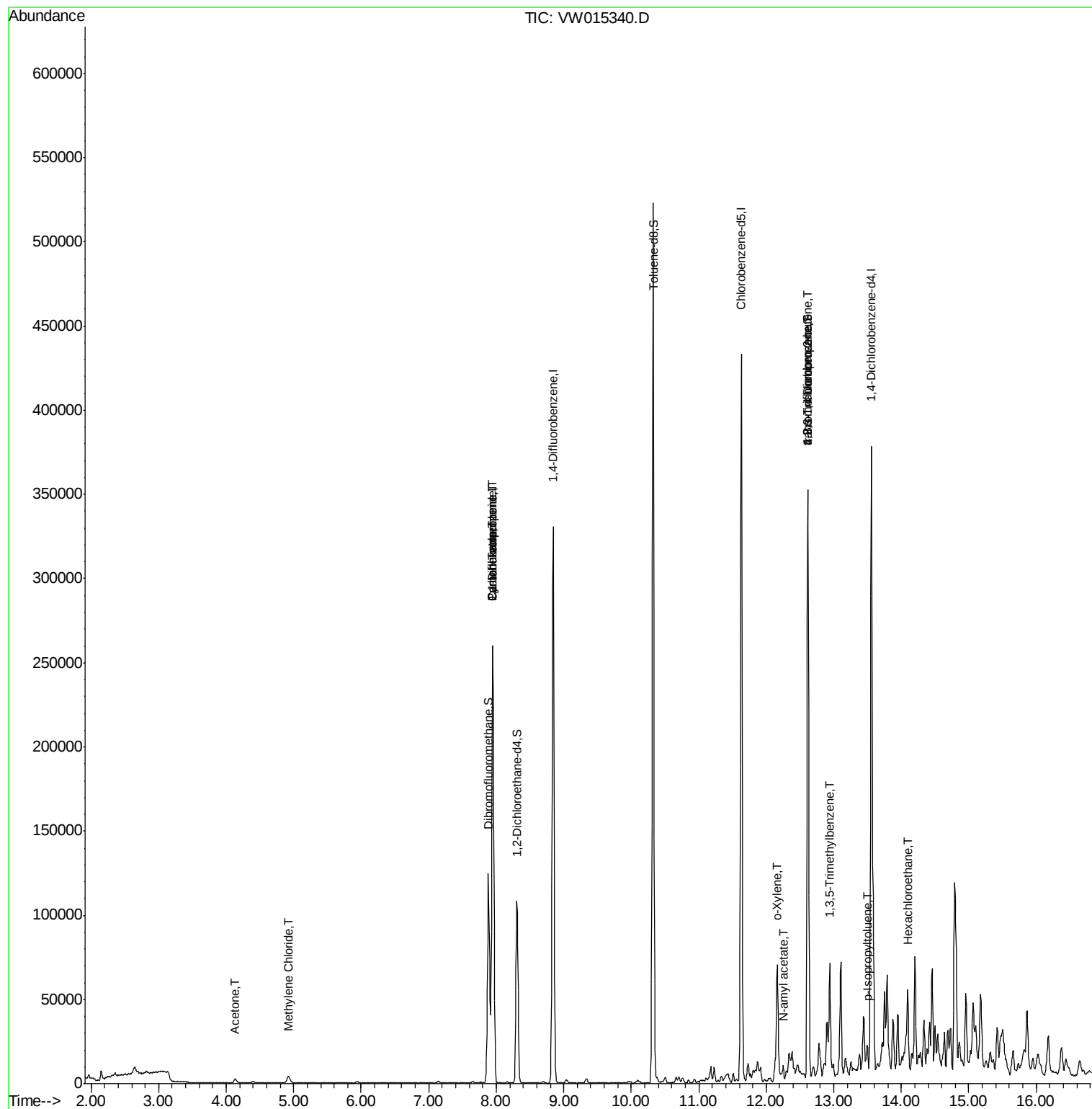
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5063	16.193	ug/l	95
20) Methylene Chloride	4.93	84	3444	1.681	ug/l	88
31) Cyclohexane	7.95	56	3892	1.176	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	13740	5.112	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18662	6.354	ug/l #	18
69) o-Xylene	12.16	106	17595	5.136	ug/l	99
74) N-amyl acetate	12.25	43	1446	1.143	ug/l #	64
76) 1,2,3-Trichloropropane	12.62	75	54927	67.720	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.94	105	27211	4.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54927	148.037	ug/l #	15
86) p-Isopropyltoluene	13.49	119	8903	1.268	ug/l	97
90) Hexachloroethane	14.10	117	2528	1.963	ug/l #	16

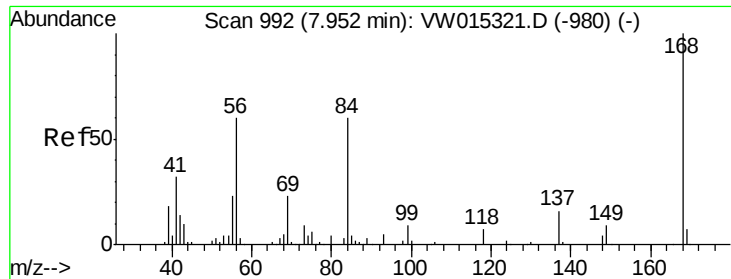
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042420\
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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

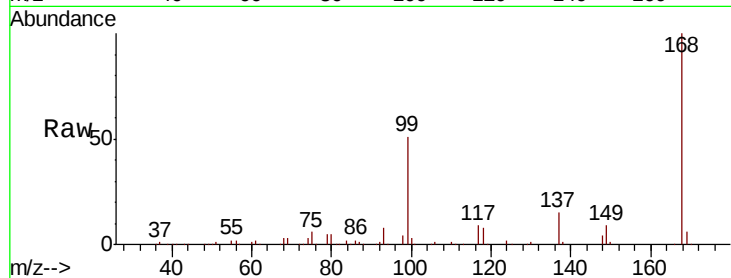
EO-02-042320

Tot Ion:168 Resp: 218909

Ion Ratio Lower Upper

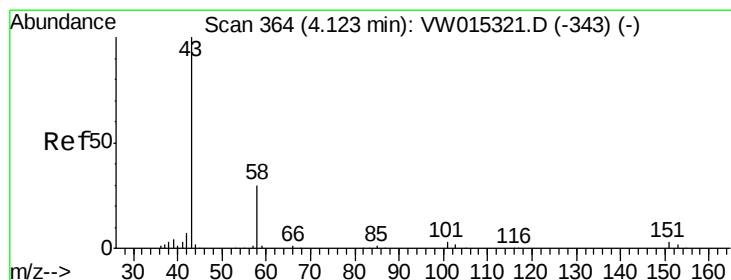
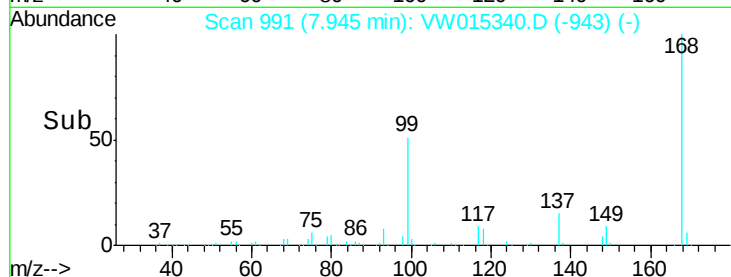
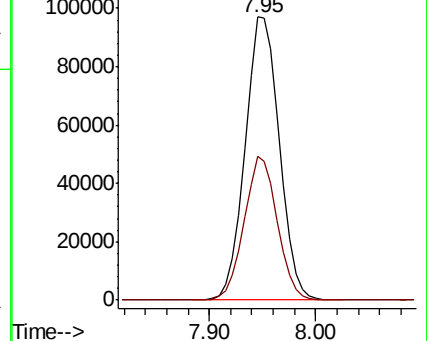
168 100

99 50.7 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.193 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015340.D

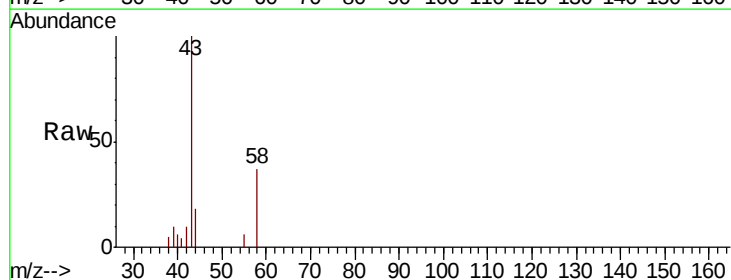
Acq: 24 Apr 2020 13:55

Tgt Ion: 43 Resp: 5063

Ion Ratio Lower Upper

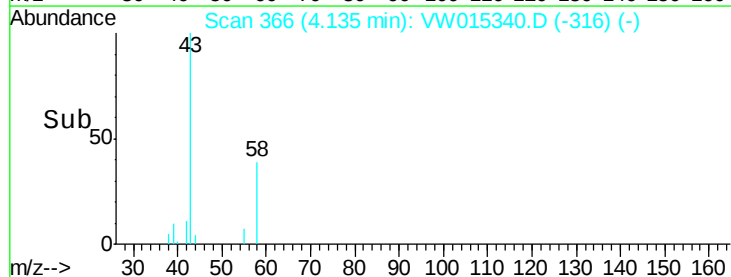
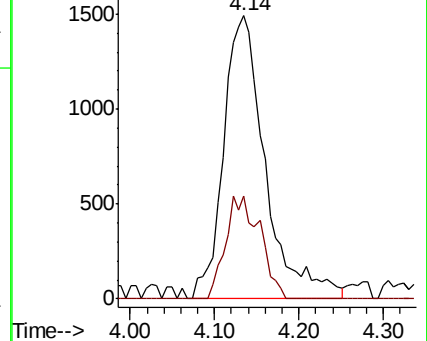
43 100

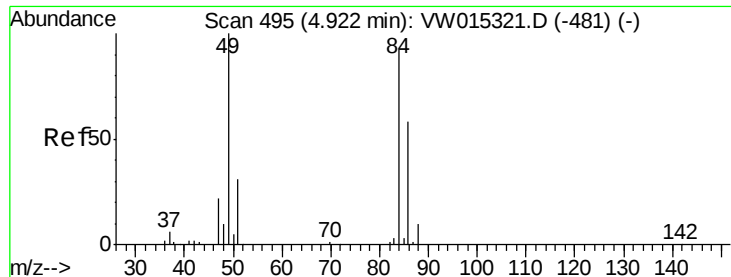
58 36.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

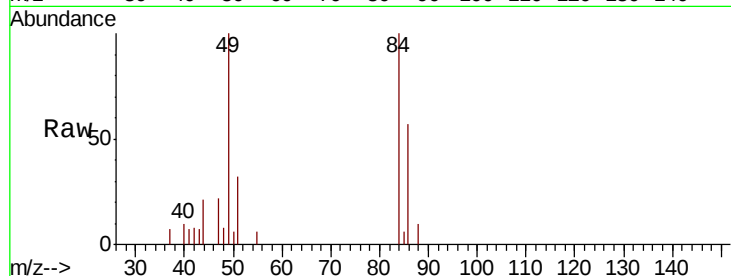




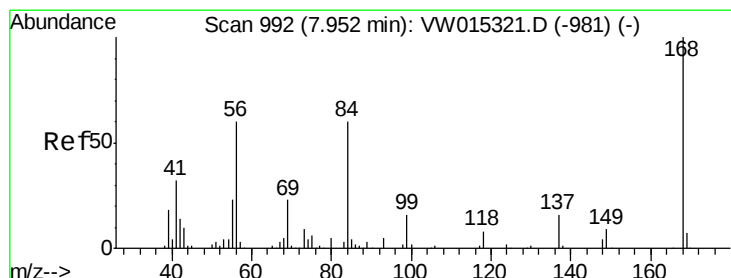
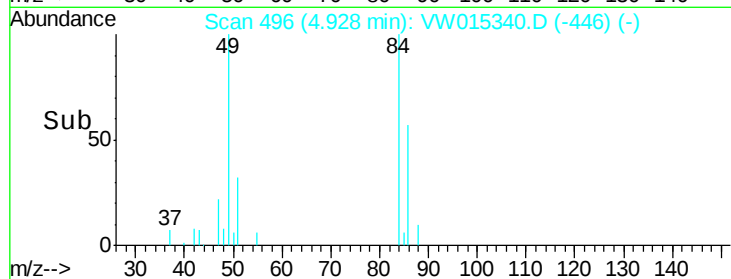
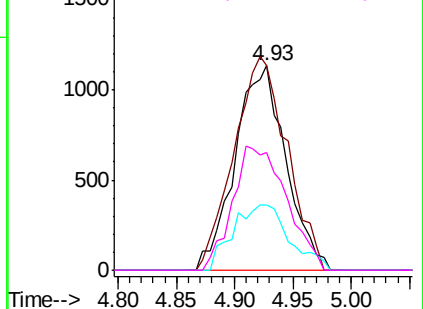
#20
Methvlene Chloride
Concen: 1.681 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :
EO-02-042320

Tot Ion: 84 Resp: 3444
Ion Ratio Lower Upper
84 100
49 100.0 95.4 143.0
51 31.7 29.8 44.8
86 57.5 47.4 71.0

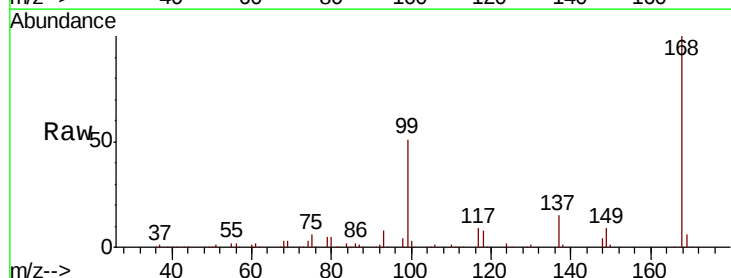


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

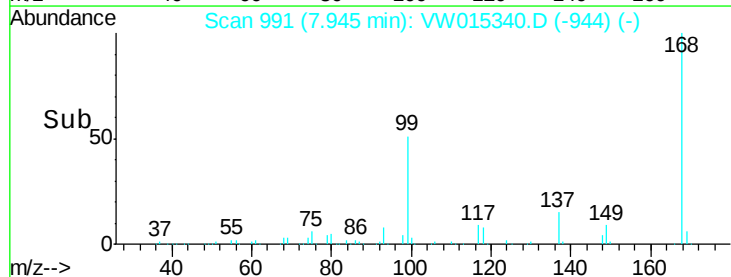
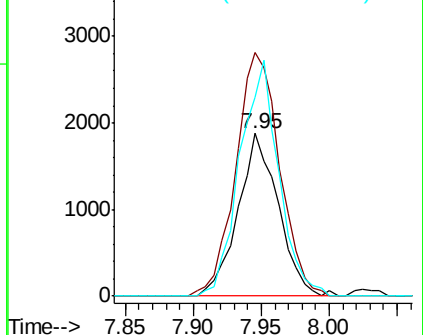


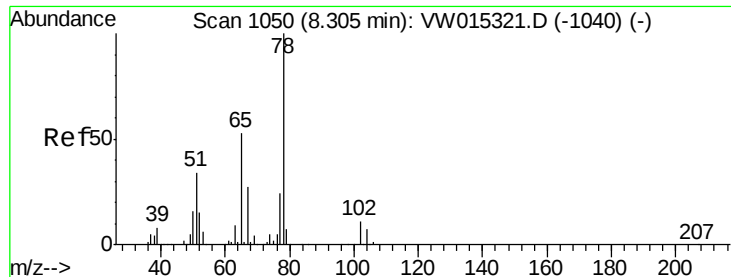
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion: 56 Resp: 3892
Ion Ratio Lower Upper
56 100
69 149.9 27.1 40.7#
84 122.1 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

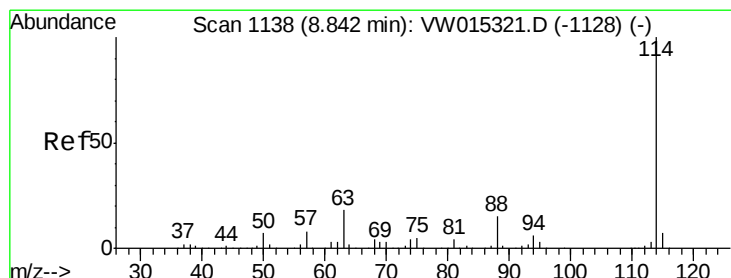
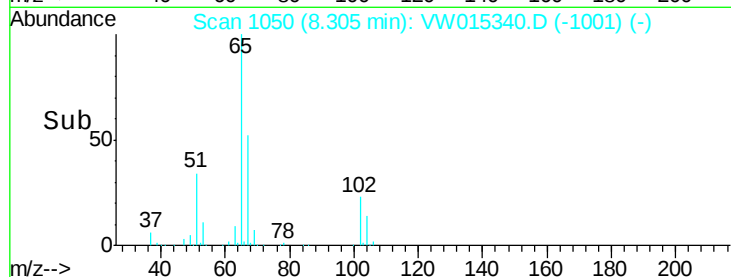
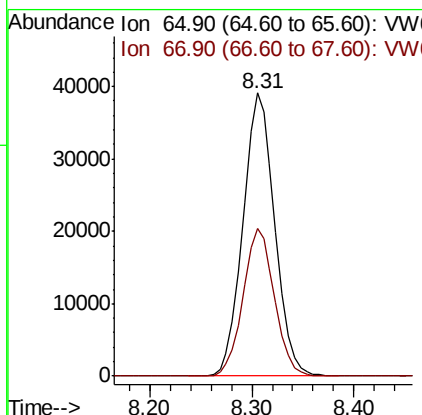
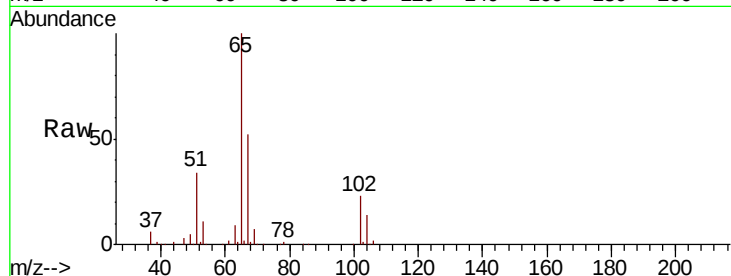




#33
 1,2-Dichloroethane-d4
 Concen: 47.230 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

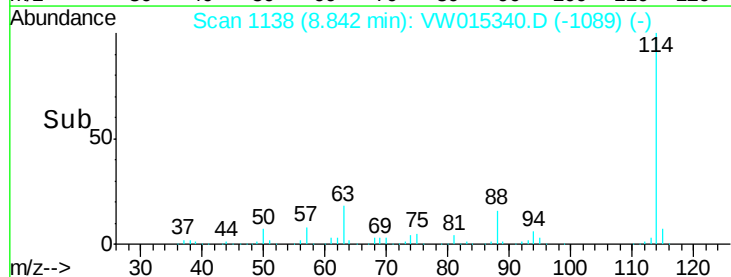
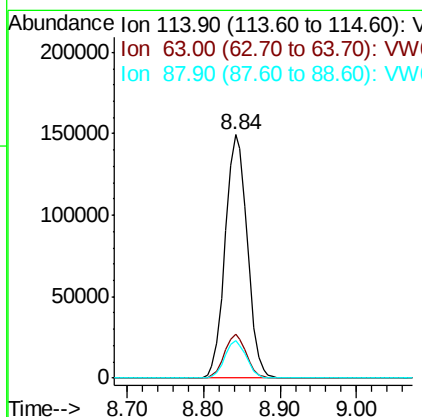
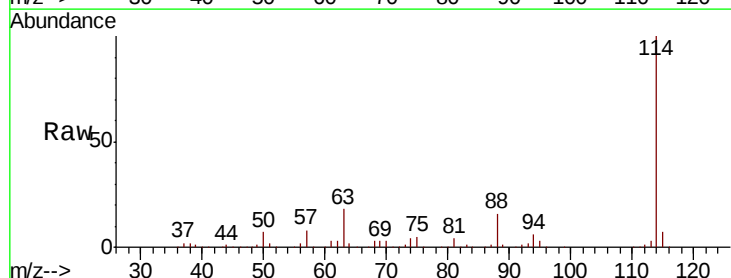
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-042320

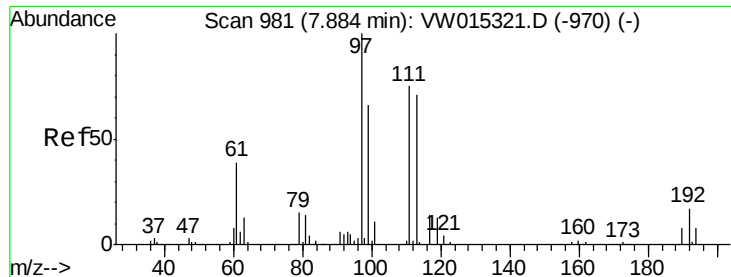
Tot Ion: 65 Resp: 84547
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

Tgt Ion: 114 Resp: 297768
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.6 0.0 30.2

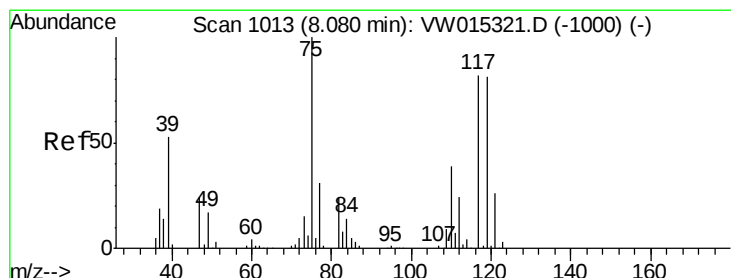
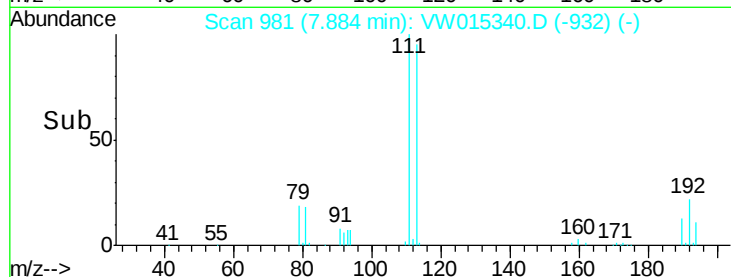
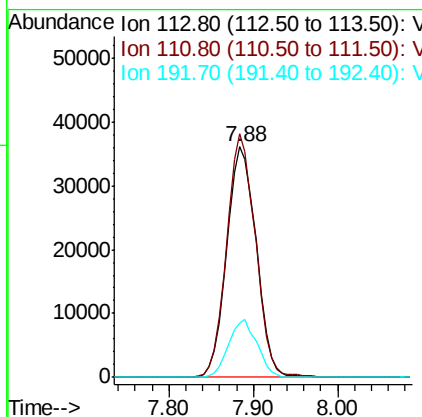
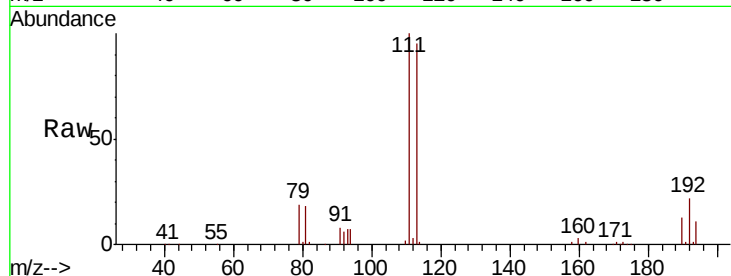




#35
 Dibromofluoromethane
 Concen: 52.108 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

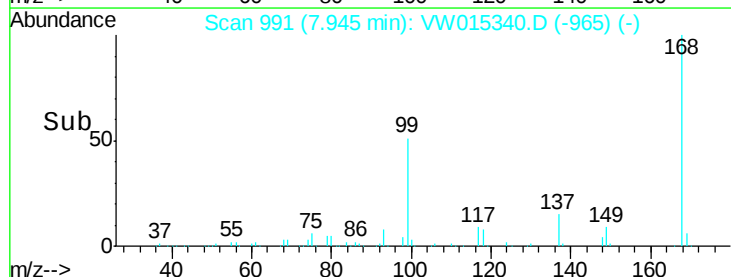
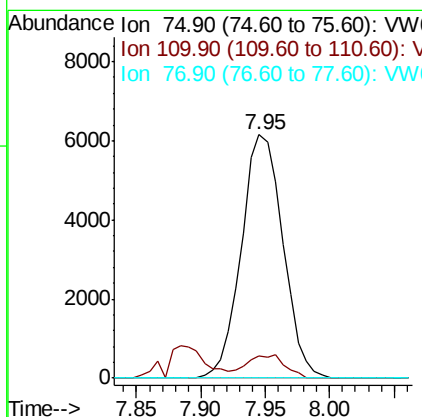
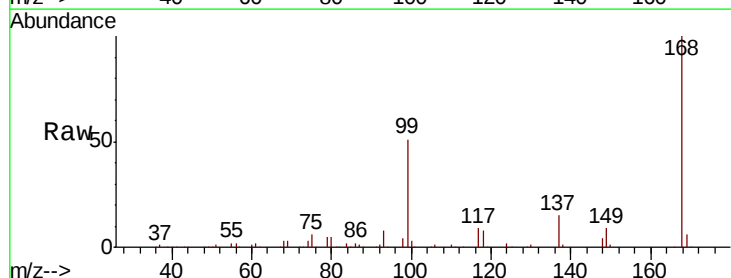
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-042320

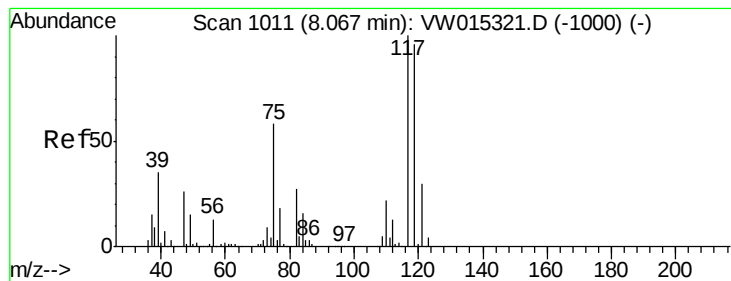
Tot Ion:113 Resp: 85947
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.4
 192 24.3 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.112 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

Tgt Ion: 75 Resp: 13740
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.2 54.6#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.354 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

EO-02-042320

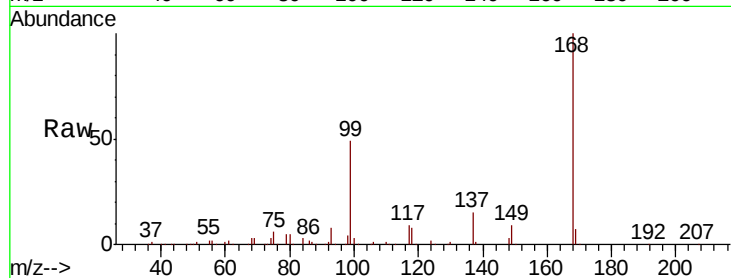
Tot Ion:117 Resp: 18662

Ion Ratio Lower Upper

117 100

119 4.3 72.3 108.5#

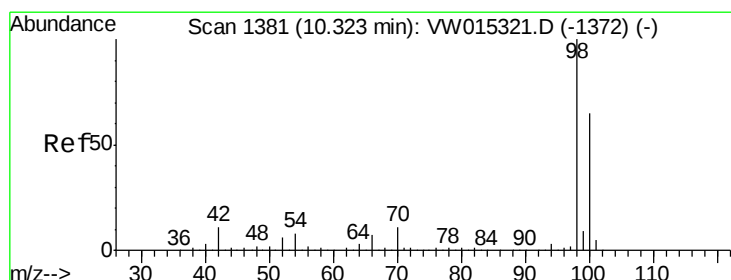
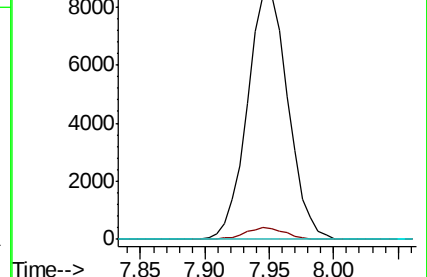
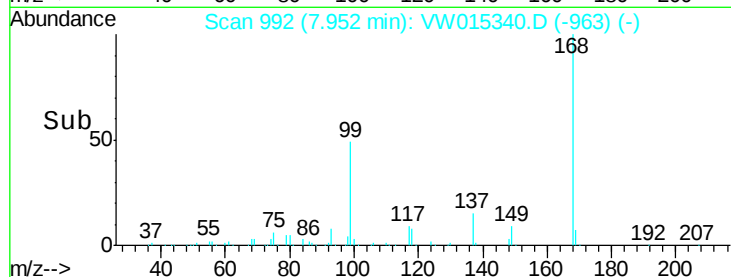
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.677 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015340.D

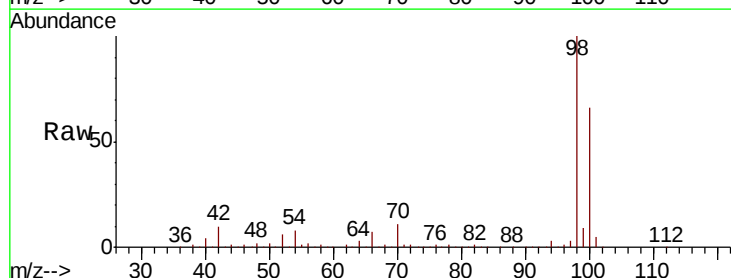
Acq: 24 Apr 2020 13:55

Tgt Ion: 98 Resp: 351622

Ion Ratio Lower Upper

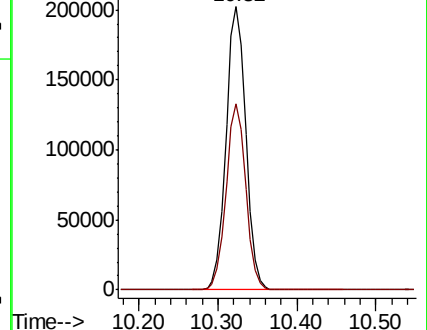
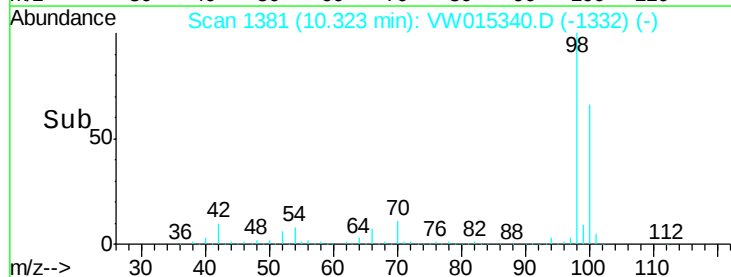
98 100

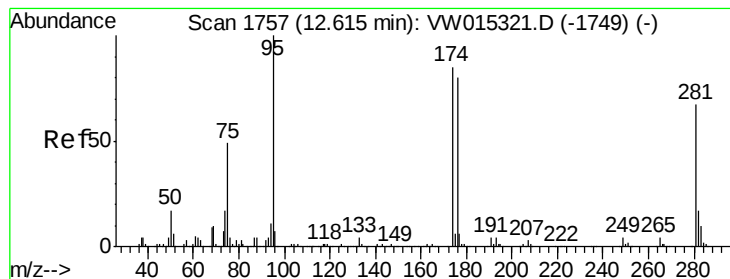
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.065 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

EO-02-042320

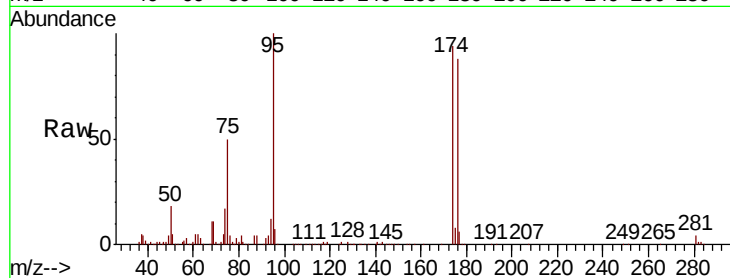
Tot Ion: 95 Resp: 108715

Ion Ratio Lower Upper

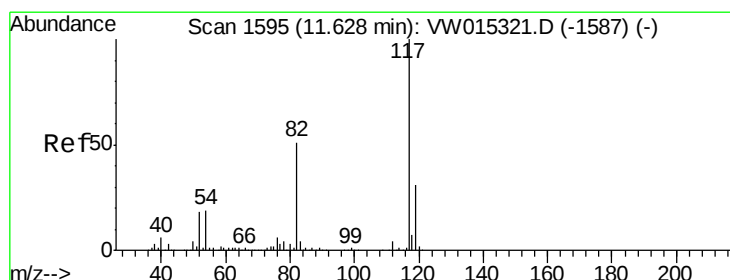
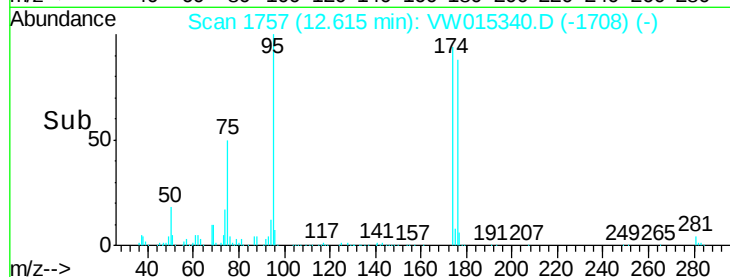
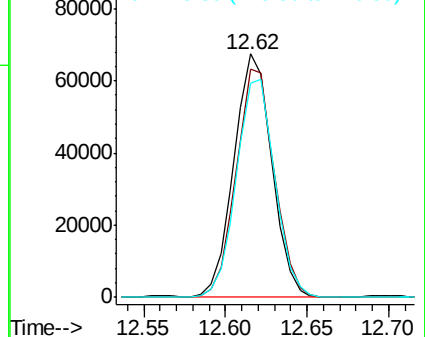
95 100

174 95.4 0.0 144.4

176 91.6 0.0 140.6



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

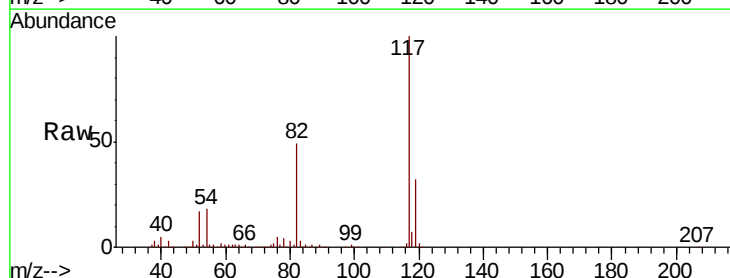
Tgt Ion: 117 Resp: 255894

Ion Ratio Lower Upper

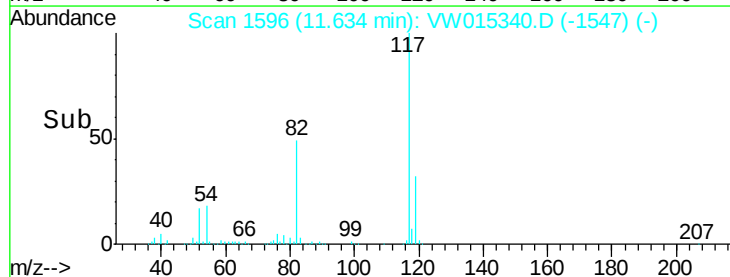
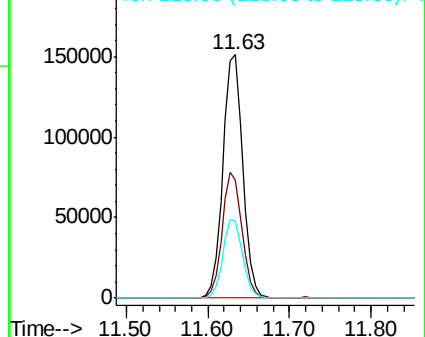
117 100

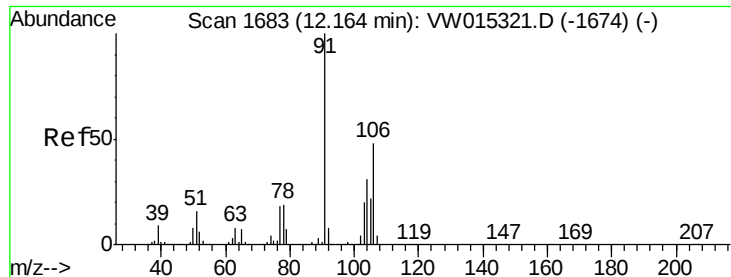
82 48.5 44.1 66.1

119 31.8 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

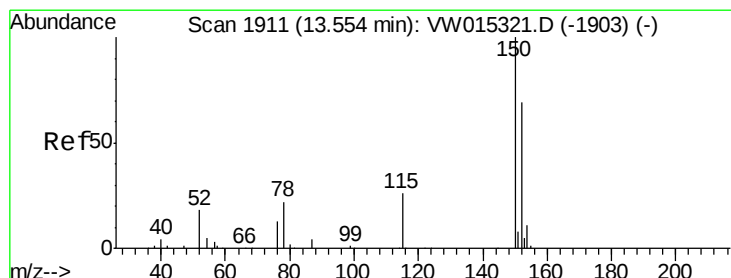
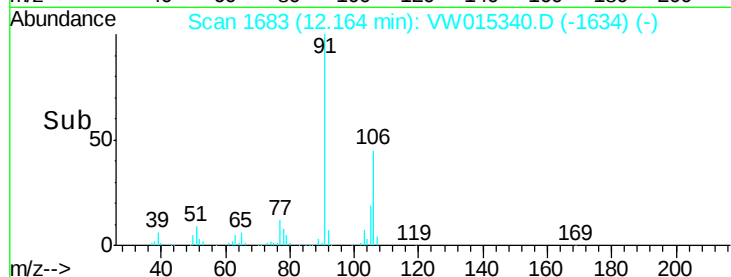
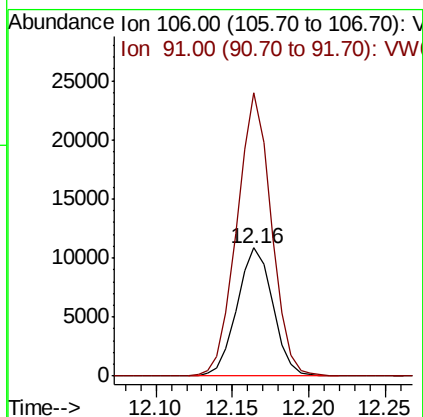
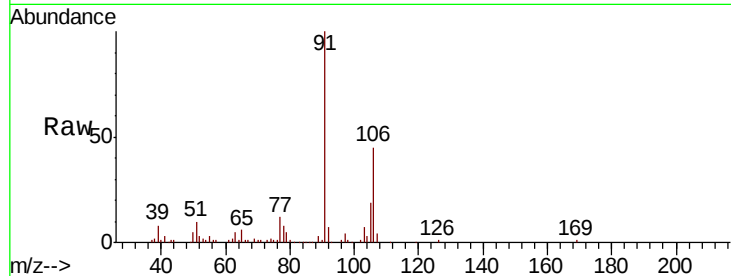




#69
o-Xylene
Concen: 5.136 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

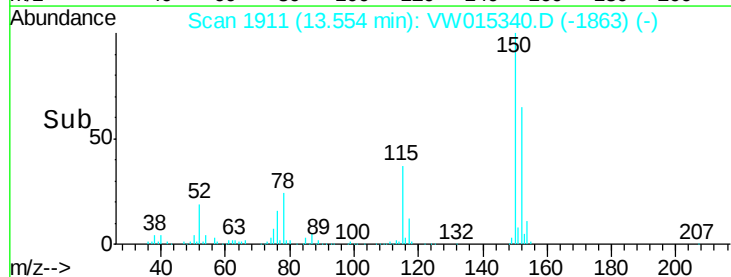
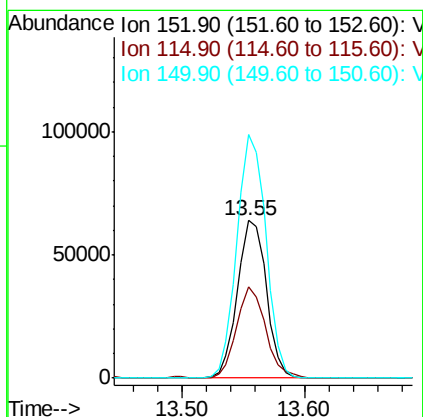
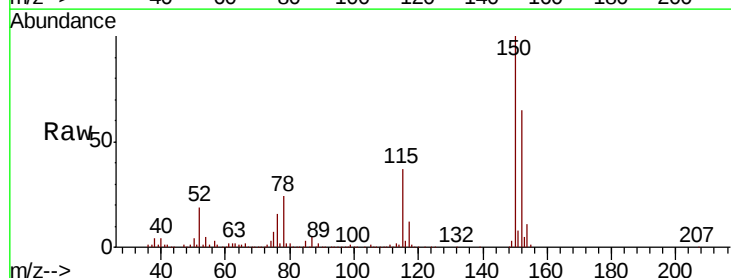
Instrument :
MSVOA_W
ClientSampleId :
EO-02-042320

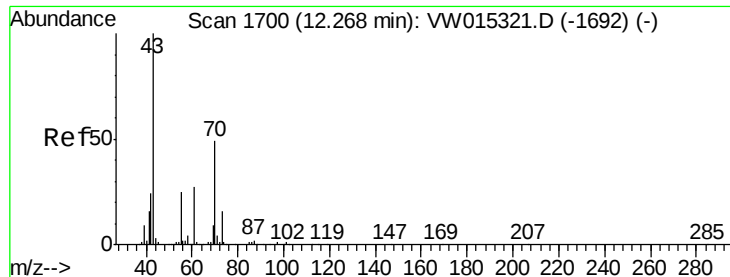
Tot Ion:106 Resp: 17595
Ion Ratio Lower Upper
106 100
91 213.0 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion:152 Resp: 104845
Ion Ratio Lower Upper
152 100
115 58.3 31.3 93.9
150 155.9 0.0 343.4





#74

N-amyl acetate

Concen: 1.143 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW015340.D

Acq: 24 Apr 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

EO-02-042320

Tot Ion: 43 Resp: 1446

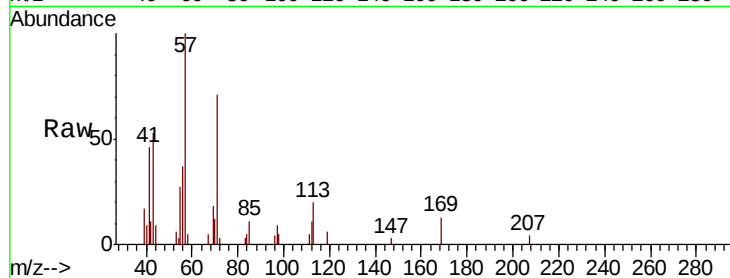
Ion Ratio Lower Upper

43 100

70 30.0 35.4 53.2#

55 0.0 18.5 27.7#

61 0.0 20.3 30.5#

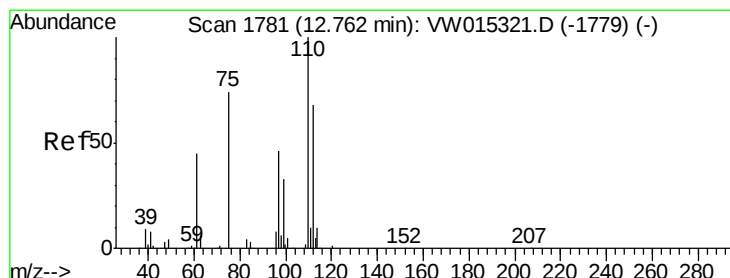
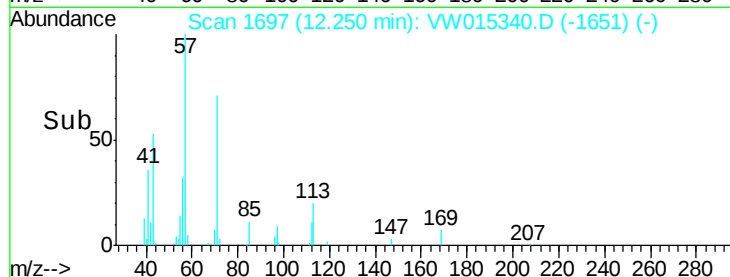
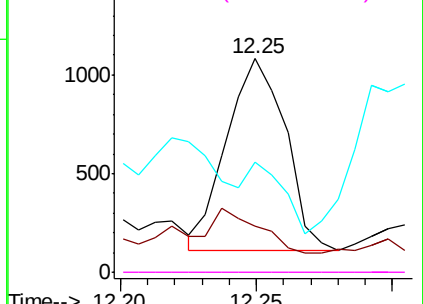


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 67.720 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015340.D

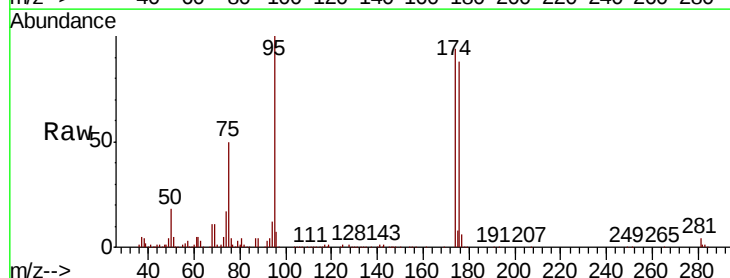
Acq: 24 Apr 2020 13:55

Tgt Ion: 75 Resp: 54927

Ion Ratio Lower Upper

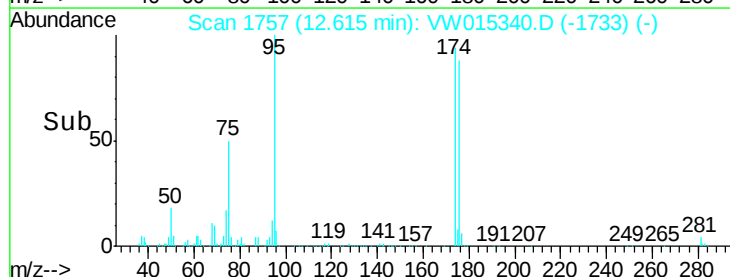
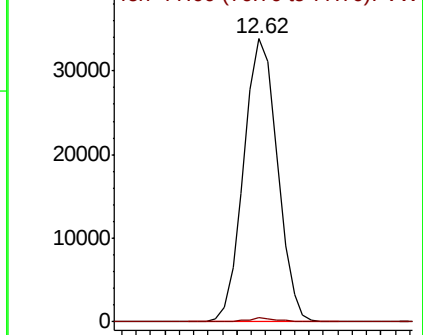
75 100

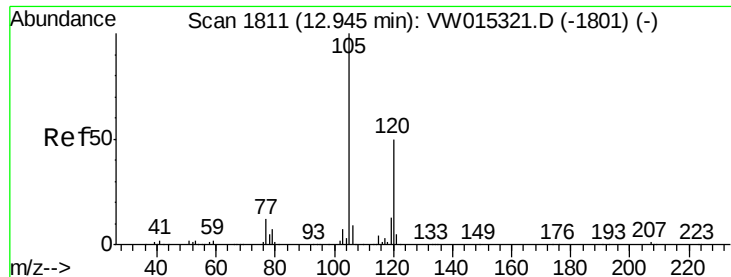
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

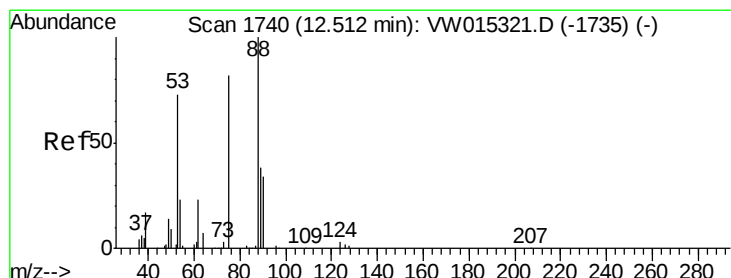
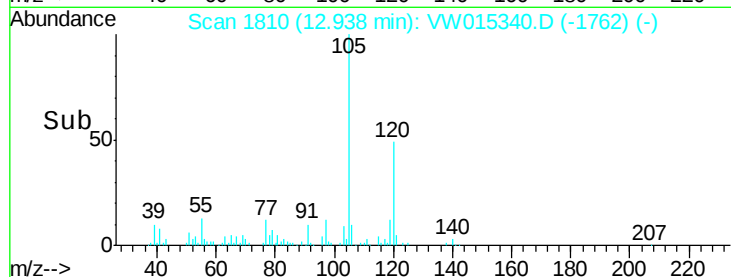
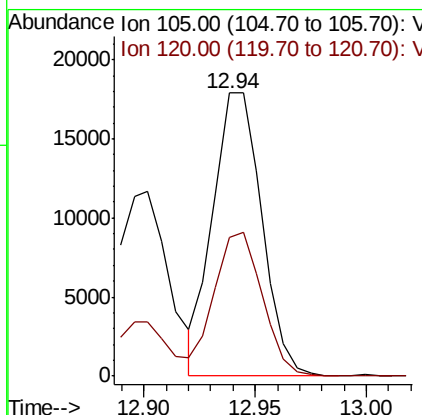
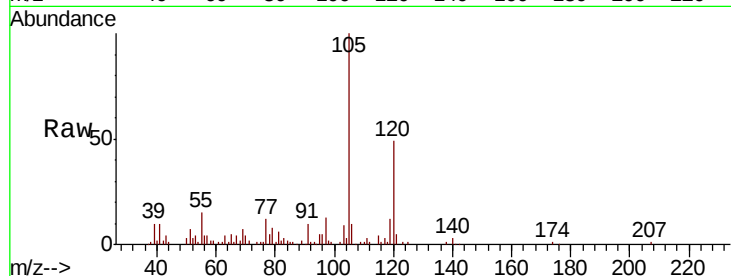




#80
 1,3,5-Trimethylbenzene
 Concen: 4.345 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

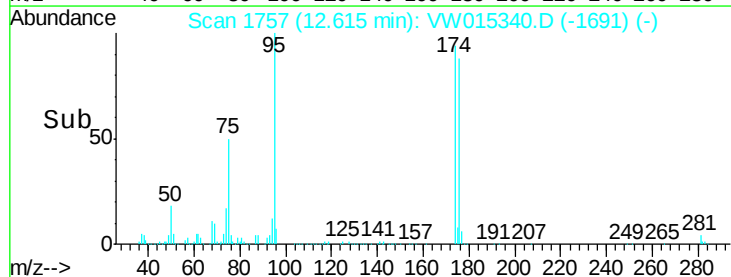
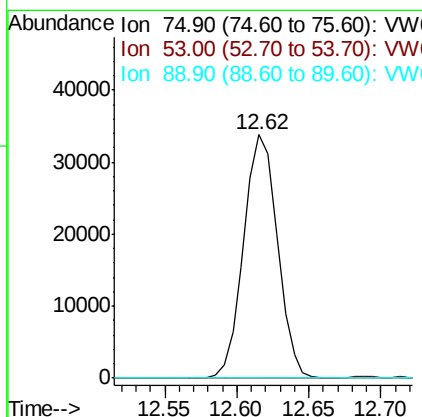
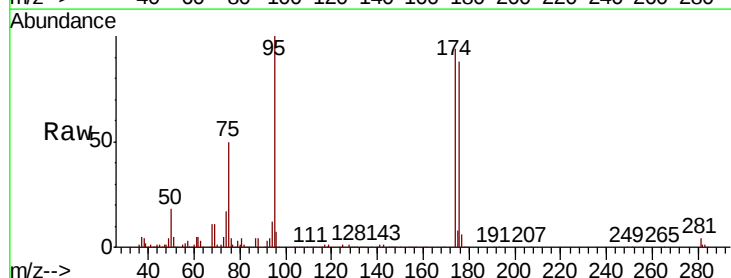
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-042320

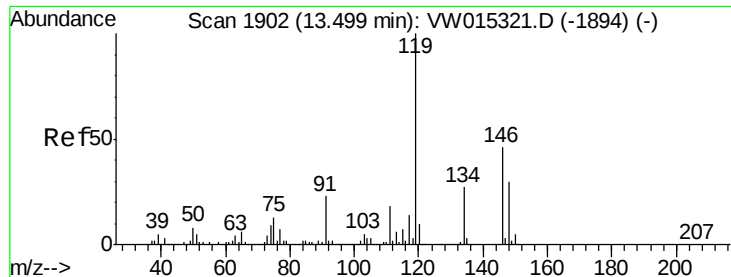
Tot Ion:105 Resp: 27211
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.037 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015340.D
 Acq: 24 Apr 2020 13:55

Tgt Ion: 75 Resp: 54927
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.4 104.2#
 89 0.0 34.8 52.2#

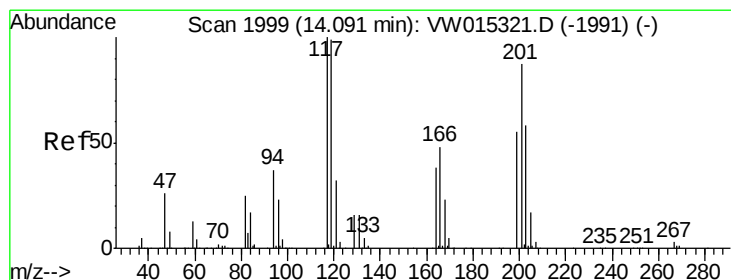
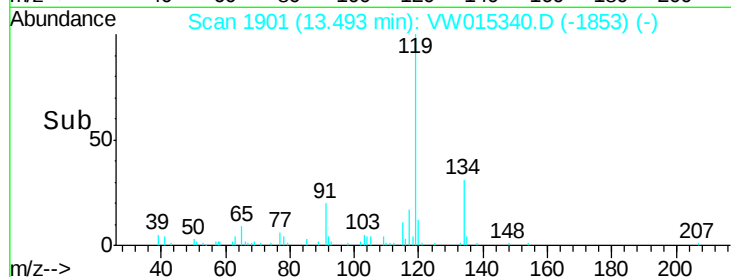
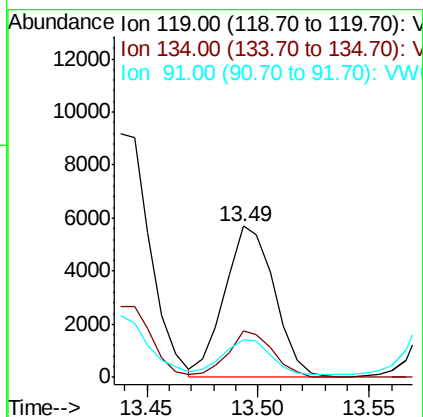
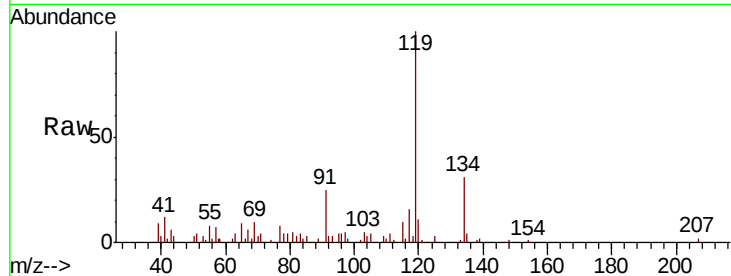




#86
p-Isopropyltoluene
Concen: 1.268 ug/l
RT: 13.49 min Scan# 1901
Delta R.T. -0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
EO-02-042320

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.3	39.9
91	22.5	12.0	36.1



#90
Hexachloroethane
Concen: 1.963 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW015340.D
Acq: 24 Apr 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.6	100.6

